

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

## PCT

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:

**SEMICONDUCTOR ENERGY  
LABORATORY CO., LTD.**

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Kanagawa  
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Date of mailing  
(day/month/year)

**08. 3. 2005**

Applicant's or agent's file reference

**00000PCT7526**

**FOR FURTHER ACTION**

See paragraph 2 below

International application No.

**PCT/JP2004/017537**

International filing date (day/month/year)

**18.11.2004**

Priority date (day/month/year)

**28.11.2003**

International Patent Classification (IPC) or both national classification and IPC

Int.Cl. **G09F9/00, H05B33/10, G02F1/1333**

Applicant

**SEMICONDUCTOR ENERGY LABORATORY CO., LTD.**

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☒ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Date of completion of this opinion

**22.02.2005**

Name and mailing address of the ISA/JP

**Japan Patent Office**

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**2M**

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WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2004/017537

Box No. I

Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.  
☐ This opinion has been established on the basis of a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
  - a. type of material  
☐ a sequence listing  
☐ table(s) related to the sequence listing
  - b. format of material  
☐ in written format  
☐ in computer readable form
  - c. time of filing/furnishing  
☐ contained in the international application as filed.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

WRITTEN OPINION OF THE  
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International application No.

PCT/JP2004/ 017537

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement.

Novelty (N)	Claims	<u>1 - 34</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1 - 34</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1 - 34</u>	YES
	Claims		NO

2. Citations and explanations

D1: JP 2001-075124 A (TOPPAN PRINTING CO., LTD.) 2001.03.23  
D2: JP 2003-195787 A (SEMICONDUCTOR ENERGY LABORATORY CO., LTD.)  
2003.07.09  
D3: JP 2001-290439 A (SEMICONDUCTOR ENERGY LABORATORY CO., LTD.)  
2001.10.19  
D4: JP 2003-318195 A (RICOH COMPANY, LTD.) 2003.11.07  
D5: JP 2003-031778 A (SEIKO EPSON CORPORATION) 2003.01.31  
D6: JP 2002-341131 A (NITTO DENKO CORPORATION) 2002.11.27

The subject matter of claim 1 is considered to involve an inventive step over the documents cited in the international search report for the following reasons:

None of the prior art documents cited in the international search report describes "a first step of sequentially laminating a first metal film, first oxide film, and an optical filter on a first substrate, attaching a first support medium to a surface of the optical filter by using a first peelable adhesive agent such that the first support medium faces the first substrate through the optical filter, and separating the first metal film from the first oxide film by a physical means",

and it was not obvious for the person skilled in the art to employ that the above technical feature, which presents advantageous effects in that the steps of manufacturing an active matrix substrate and the steps of manufacturing an optical film can be run simultaneously.

Claims 2-34 as such also meet the requirements with respect to novelty and inventive step.

**Box No. VII** Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

Although Claim 3 is dependent on Claim 1, "the third substrate" described in Claim 3 is included not in Claim 1 but in Claim 2.

Although Claim 11 is dependent on Claim 9, "the fourth substrate" described in Claim 11 is included not in Claim 9 but in Claim 10.

Although Claim 14 is dependent on Claim 9, the materials of the first, second, third and fourth substrates described in Claim 14 seems to be conformity with the sequence of those substrates described not in Claim 9 but in Claim 12 or 13.